



Atty. Docket No.: 108674-010201/US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Qi et al.  
Serial No.: 10/804,762  
Filed: March 19, 2004  
Entitled: Specific Inhibition of  
Allorejection

Examiner: To Be Assigned  
Group Art Unit: 1633  
Conf. No.: 8100

**CERTIFICATE OF FIRST CLASS MAILING**

I hereby certify that this correspondence, and any papers attached hereto, are being sent with the United States Postal Service, by way of First Class Mail, to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 9, 2009.

Lindsey N. Walker

Name of Person Mailing Paper

Signature of Person Mailing Paper

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

Sir:

Enclosed for filing in the above-identified patent application, please find the following documents:

1. Information Disclosure Statement;
2. Form PTO-1449 listing 17 references (1 page);
3. Letter to USPTO re Submission of Foreign References (2 pages); and
4. Return Receipt Post-Card.

Applicant believes that there are no fees due with this filing, however, the Commissioner for Patents is hereby authorized to charge any fees to Deposit Account No. 50-2678, Reference 108674-010201.

Respectfully submitted,

Date: March 9, 2009

Customer No.: 35893

Greenberg Traurig

One International Place

Boston, MA 02110

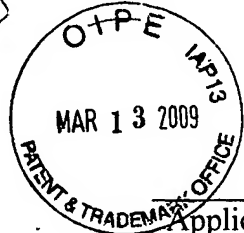
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Name: Chinh H. Pham

Registration No.: 39,329



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**INFORMATION DISCLOSURE STATEMENT**

**UNDER 37 CFR §§ 1.56, 1.97 AND 1.98**

Dear Sir:

In accordance with the duty of disclosure under 37 CFR § 1.56, Applicant submits this Information Disclosure Statement pursuant to 37 CFR §§ 1.97 and 1.98 in the above-identified application for consideration by the Patent Office.

A listing of the cited documents, as well as, for the Examiner's convenience, copies of all foreign patent documents (if any) and non-patent literature are enclosed. However, because this application was filed after June 30, 2003, and copies of U.S. patents and U.S. patent applications are not required and are not enclosed.

Applicant does not intend to represent that any of the documents submitted herein are material prior art to this invention or that the list represents an exhaustive search of documents related to this invention.

Applicant respectfully requests that the documents submitted herein be considered and made of record in this application.

Pursuant to CFR § 1.97(c)(2), because this Statement is being submitted before the mailing date of any of a final Office Action on the merits, the Commissioner for Patents is hereby authorized to charge any fees to Deposit Account No. 50-2678, Reference 108674-010201.

Respectfully submitted,

Date: March 9, 2009

Name: Chinh H. Pham, Reg. No.: 39,329

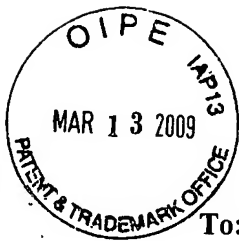
Customer No.: 35893

Greenberg Traurig

One International Place

Boston, MA 02110

Tel: 617-310-6000



Attorney Docket No.: 108674-010201  
U.S. Serial No: 10/804,762

To: U.S.P.T.O.

**Re: IDS Submission of foreign reference cited relevant to U.S. Serial No. 10/804,762**

Dear Sir:

Pursuant to the duty set forth under 37 C.F.R. §1.56, Applicants hereby submit with the Information Disclosure Statement the translations of two publications cited by the China Patent Office in a related application. Along with the translations of the pertinent portions, Applicants are also submitting a copy of the letter from the Chinese associate for the related application pointing out the pertinent portions.

The translations provided by the Chinese associate of the pertinent paragraphs of the two publications noted in the Chinese Office Action are as follows:

1. Translation of Paragraph 1 of Section 4.2.4 in Guangdong Pharmaceutical Journal, Vol. 10, No. 5, Pages 1-5, 2000.

4.2.4 Adenovirus vector with reduced antigenicity The most preferable way to decrease the immune reaction of adenovirus vector is to reduce the immunogenicity of the vector itself. From the first generation  $E_1$  ( $E_1/E_3$ ) with the adenoviral genomes defected, to the second generation  $E_1$ ,  $E_{2a}$  and  $E_4$  with the adenoviral genomes defected, and even to the third generation with almost all the adenoviral genomes defected (<sup>25, 26</sup>), the immunogenicity of the adenovirus vectors has been greatly improved, and the expression time of the adenovirus vectors has been largely extended. It provides a new thought to construct hybrid vector by adopting the property that AAV is able to be integrated to human chromosomes.

2. Translation of paragraph 2 of the Abstract in Chinese Science Bulletin, Vol. 44, No. 1, Pages 84-88, January, 1997.

This article adopts the method, such as polymerase chain reaction (PCR) and molecular cloning, to construct eukaryotic cell expression vector (pcDNA3/CD8 $\epsilon$ ), which comprises the fusion gene (CD8 $\epsilon$ ) encoding the extracellular region and transmembrane domain of CD8 $\alpha$ , and the intracellular region of CD3 $\epsilon$ , and which is stably expressed in the CD8 negative humane. Jurkart T cells (JK). The stimulation by an anti-CD8 $\alpha$  monoclonal antibody may induce apoptosis of T cells expressing CD8 $\epsilon$ ; however, it cannot induce the apoptosis of control cells. This indicates that the intracellular function region of CD3 $\epsilon$  can receive and deliver the stimulating signal of the CD8 $\alpha$  antigen and provoke cell apoptosis, and that the intracellular region of CD3 $\epsilon$  contains cell activation function region as well as cell apoptosis function region.

As noted above, Applicants are submitting the Chinese-language references along with the translated portions, and a copy of the letter from the Chinese associate concerning the citations. Applicants respectfully ask that the two Chinese-language references be made of record.

Respectfully submitted,



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Chinh H. Pham, Reg. No. 39,329

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One International Place  
Boston, Massachusetts 02110  
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Fax: 617-310-6001

Attachments: Copies of the translated portions of the two (2) Chinese publications, appended to the Chinese-language publications, references "D" and "F."



**COPY**

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